

INIT

login (server)	login (client)
	< ----- {msg: LOGIN, ID: 0}
(first player) {msg: LOGIN, ID: 1} -> first login request	----- >
(already taken nickname) {msg: ERR, ID: int, message: "Questo nickName è stato già scelto"}	
(not first player) {msg: LOGIN, ID: int}	----- >

first login (server)	first login (client)
	< ----- {msg: NUM_PLAYERS, ID: int}
(<1    >4) {msg:ERR, ID: int, message: "Inserisci un numero tra 1 e 4"}	----- >

leader card choice (server)	leader card choice (client)
{msg: LEADER_CARD, ID: int, par1: leaderCard1, par2: leaderCard2, par3: leaderCard3, par4: leaderCard5}	----- >
(on ok) {msg: OK, ID: int}	< ----- {msg: LEADER_CARD, ID: int, par1: leaderCard1, par2: leaderCard2} ----- >

new_player (server)	new_player (client)
{msg: NEW_PLAYER, ID: int, par: nickName}	----- >

lost_player (server)	lost_player (client)
{msg: QUIT, ID: int}	----- >

start game (server)	start game (client)
{msg: START_GAME, ID: int, par: num_giocatori}	----- >

market (server)	market (client)
{msg: MARKET, ID: int, par: Market}	----- >

deckBoard (server)	deckBoard (client)
{msg: DECKBOARD, ID: int, par: leaderCard[16]}	----- >

TURN ACTION

buy card(server)	buy card (client)
	< ----- {msg: BUY_CARD, ID: int, par1: row, par2: column, par3: warehouse (0 or 1)}
(no available slots) {msg: ERR, ID: int, message: "Non hai slot liberi"}	----- >
(not enough resources) {msg: ERR, ID: int, message: "Non hai abbastanza risorse"}	----- >
(empty chosen deck) {msg: ERR, ID: int, message: "Hai scelto un mazzetto vuoto"}	----- >

<b>(on ok)</b> {msg: OK, ID: int}	----->
<b>(more available slots)</b> {msg: CHOSEN_SLOT, ID: int, par1: slot1, par2: slot2, par3: slot3} <i>(se solo 2 slot liberi, par3 = -1)</i>	----->
	<----- {msg: CHOSEN_SLOT, ID: int, par: slot}
<b>notifyAll</b> {msg: BUY_CARD, ID: int, par1: card, par2: slot}	----->
<b>notifyAll</b> {msg: CARD_REMOVE, ID: int, par1: row, par2: column, par3: isEmpty (0 or 1), par4: new_card} <i>(se il mazzetto ora è vuoto, empty = 1 e new_card = -1)</i>	----->
<b>notifyAll</b> {msg: RESOURCE_AMOUNT, ID: int, par1: Resource, par2: amountWarehouse, par3: amountStrongbox}	----->

<b>take marble (server)</b>	<b>take marble (client)</b>
	<----- {msg: TAKE_MARBLE, ID: int, par1: row, par2: column}
{msg: TAKE_MARBLE, ID: int, par1: Marble1, par2: Marble2, par3: Marble3, par4: Marble4} <i>(se vengono inviate solo 3 biglie, Marble4 = null)</i>	----->
<b>notifyAll</b> (msg: MARKET_CHANGE, ID: int, par1: row, par2: column)	----->

<b>use marble (server)</b>	<b>use marble (client)</b>
	<----- {msg: USE_MARBLE, ID: int, par: Marble}
<b>(if WhiteMarble and 2 active WhiteConversionCard)</b> {msg: WHITE_CONVERSION_CARD, ID: int, par1: leadrCard1, par2: leaderCard2}	----->
	<----- {msg: WHITE_CONVERSION_CARD, ID: int, par1: leaderCard}
<b>(on ok)</b> {msg: OK, ID: int}	----->
<b>notifyAll</b> {msg: FAITH_POINTS_INCREASE, ID: int, par: amount}	----->
<b>notifyAll</b> {msg: INCREASE_WAREHOUSE, ID: int, par1: Resource par2: depot (int)}	----->

<b>switch (server)</b>	<b>switch (client)</b>
	<----- {msg: SWITCH_DEPOT, ID: int, par1: depot1, par2: depot2}
<b>(switch not possible)</b> {msg: ERR, ID: int, message: "Non puoi effettuare questo scambio"}	----->
<b>(on ok)</b> {msg: OK, ID: int}	----->
<b>notifyAll</b> {msg: SWITCH_DEPOT, ID: int, par1: depot1, par2: depot2}	----->

<b>production power development card (server)</b>	<b>production power development card (client)</b>
	<----- {msg: DEVELOPMENT_CARD_POWER, ID: int, par1: slot, par2: warehouse (0 or 1)}
<b>(not existing card)</b> {msg: ERR, ID: int, message: "Non possiedi alcuna carta in questo slot"}	----->

<b>(not enough resources)</b> {msg: ERR, ID: int, message: "Non hai abbastanza risorse"}		----- >
<b>(on ok)</b> {msg: OK, ID: int}		----- >
<b>basic production power (server)</b>	<b>basic production power (client)</b>	
	< -----	{msg: BASIC_POWER, ID: int, par1: resourceDeleted1, par2: resourceDeleted2, par3: resourceObtained, par4: warehouse (0 or 1)}
<b>(not enough resources)</b> {msg: ERR, ID: int, message: "Non hai abbastanza risorse"}	----- >	
<b>(on ok)</b> {msg: OK, ID: int}	----- >	
<b>additional production power (server)</b>	<b>additional production power (client)</b>	
	< -----	{msg: LEADER_CARD_POWER, ID: int, par1: leaderCard, par2: resourceObtained, par3: warehouse (0 or 1)}
<b>(card is not active or is not an AdditionalProductionPowerCard)</b> {msg: ERR, ID: int, "message": "Non puoi utilizzare il potere di produzione extra"}	----- >	
<b>(on ok)</b> {msg: OK, ID: int}	----- >	
<b>end production power (server)</b>	<b>end production power (client)</b>	
	< -----	{msg: END_PRODUCTION, ID: int}
<b>(no production power were casted)</b> {msg: ERR, ID: int, message: "Non hai attivato alcun potere di produzione"}	----- >	
<b>(on ok)</b> {msg: OK, ID: int}	----- >	
<b>notifyAll</b> {msg: FAITH_POINTS_INCREASE, ID: int, par: amount}	----- >	
<b>notifyAll</b> {msg: RESOURCE_AMOUNT, ID: int, par1: Resource, par2: amountWarehouse, par3: amountStrongbox}	----- >	
<b>leader card activation (server)</b>	<b>leader card activation (client)</b>	
	< -----	{msg: LEADER_CARD_ACTIVE, ID: int, par: leaderCard}
<b>(card already active)</b> {msg: ERR, ID: int, message: "Hai già attivato questa carta"}	----- >	
<b>(card previously discarded)</b> {msg: ERR, ID: int, message: "Hai scartato questa carta"}	----- >	
<b>(not enough resources)</b> {msg: ERR, ID: int, message: "Non hai abbastanza risorse per attivare questa carta"}	----- >	
<b>(not enough cards)</b> {msg: ERR, ID: int, message: "Hai bisogno di più carte per attivare questa carta"}	----- >	
<b>(on ok)</b> {msg: OK, ID: int}	----- >	
<b>notifyAll</b> {msg: LEADER_CARD_ACTIVE, ID: int, par: leaderCard}	----- >	

leader card discard (server)	leader card discard (client)
	< ----- {msg: LEADER_CARD_DISCARD, ID: int, par: leaderCard}
(card already active) {msg: ERR, ID: int, message: "Hai già attivato questa carta"}	----- >
(card previously discarded) {msg: ERR, ID: int, message: "Hai già scartato questa carta "}	----- >
(on ok) {msg: OK, ID: int}	----- >
notifyAll {msg: LEADER_CARD_DISCARD, ID: int, par: leaderCard}	----- >
notifyAll {msg: FAITH_POINT_INCREASE, ID: int, par: amount}	----- >

CLIENT REQUEST

turn (server)	turn (client)
	< ----- {msg: TURN, ID: int}
{msg: TURN, ID: int, par: 0 or 1}	----- >

playerboard (server)	playerboard (client)
	< ----- {msg: PLAYERBOARD, ID: int}
{msg: PLAYERBOARD, ID: int, par: PlayerBoard}	----- >

SERVER NOTIFY

ping (server)	ping (client)
{msg: PING, ID: int}	----- >
	< ----- {msg: PING, ID: int}

lost_player (server)	lost_player (client)
{msg: QUIT, ID: int}	----- >

end_game (server)	end_game (client)
{msg: END: GAME, ID: winner, par1: winner_points, par2: winner_num_of_resources}	----- >